

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031577.D
 Acq On : 29 Apr 2019 11:39
 Operator : JC/SP
 Sample : K2536-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X08

Quant Time: Apr 30 01:57:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	698779	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	679365	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	261836	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	312115	53.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.74%
7) Chloroethane-d5	1.68	69	251499	55.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.30%
11) 1,1-Dichloroethene-d2	2.27	63	462924	39.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.50%
21) 2-Butanone-d5	4.19	46	601212	113.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.46%
24) Chloroform-d	4.64	84	552590	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.18%
26) 1,2-Dichloroethane-d4	5.31	65	376706	53.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.66%
32) Benzene-d6	5.34	84	1084400	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.96%
36) 1,2-Dichloropropane-d6	6.33	67	390793	53.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.50%
41) Toluene-d8	7.56	98	916308	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%
43) trans-1,3-Dichloropropene-	7.85	79	155081	49.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.44%
47) 2-Hexanone-d5	8.31	63	358377	112.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	501273	50.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	299951	54.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.94%

Target Compounds

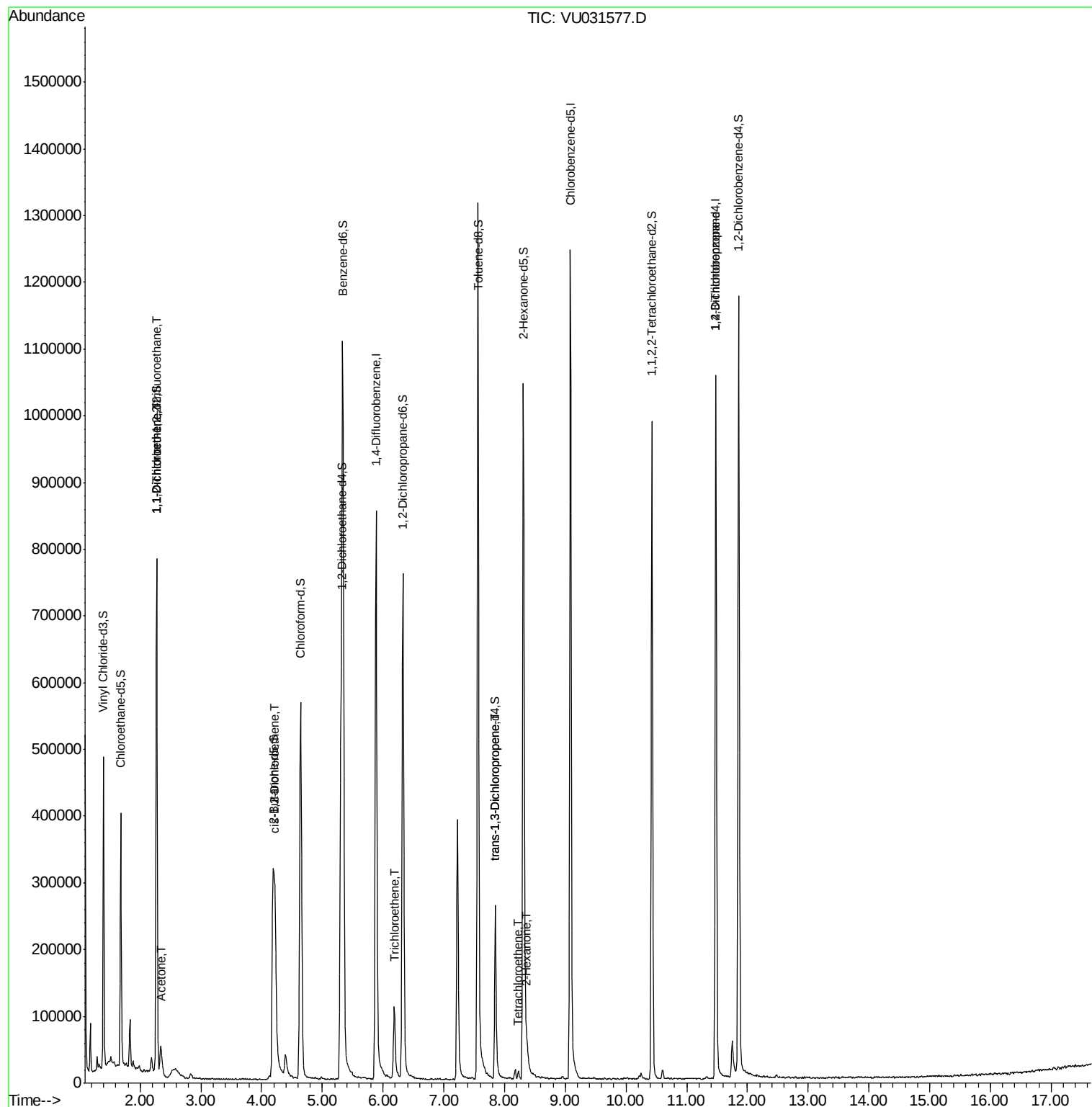
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3314	0.592	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	7596	1.393	ug/L #	1
13) Acetone	2.34	43	62988	10.553	ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	86346	14.170	ug/L	94
34) Trichloroethene	6.19	95	39216	6.477	ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	5737	0.675	ug/L #	81
46) Tetrachloroethene	8.23	164	2293	0.556	ug/L	89
48) 2-Hexanone	8.37	43	15697	1.779	ug/L #	86
59) 1,2,3-Trichloropropane	11.48	75	36919	4.391	ug/L	95

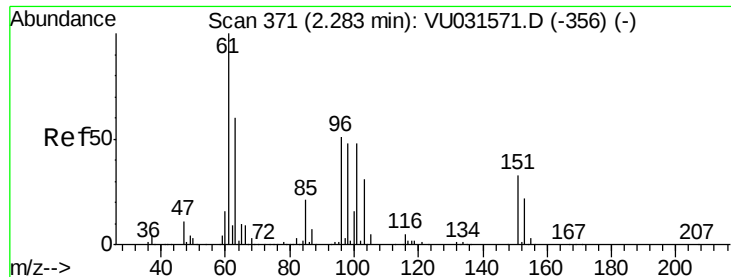
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 30 01:54:25 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.592 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031577.D

Acq: 29 Apr 2019 11:39

Instrument :

MSVOA_U

ClientSampleId :

C0X08

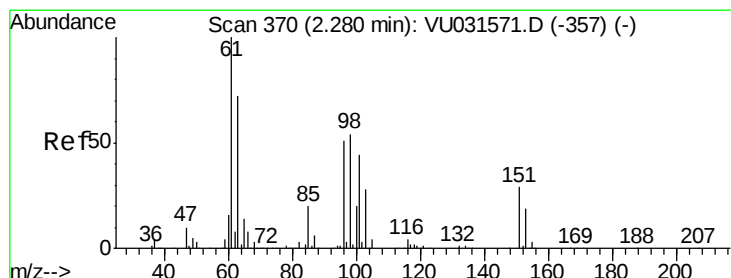
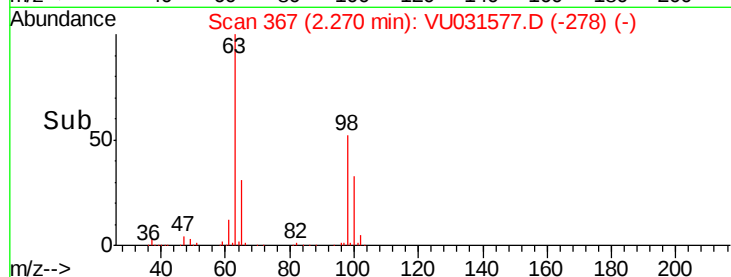
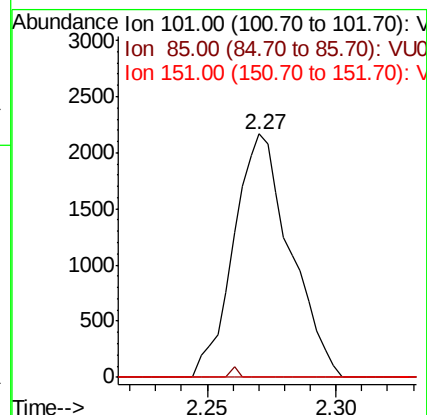
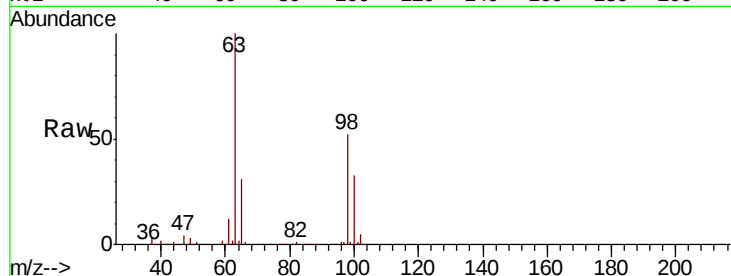
Tgt Ion: 101 Resp: 3314

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 1.393 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU031577.D

Acq: 29 Apr 2019 11:39

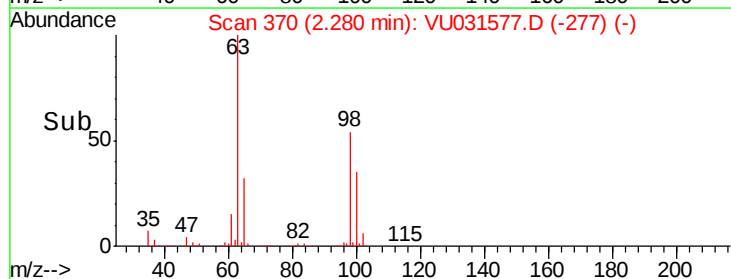
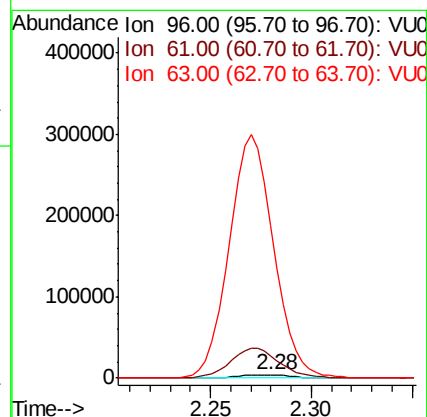
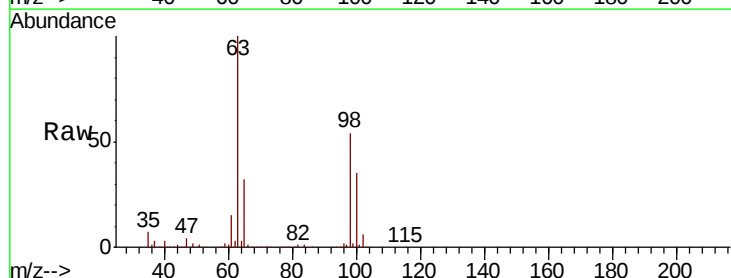
Tgt Ion: 96 Resp: 7596

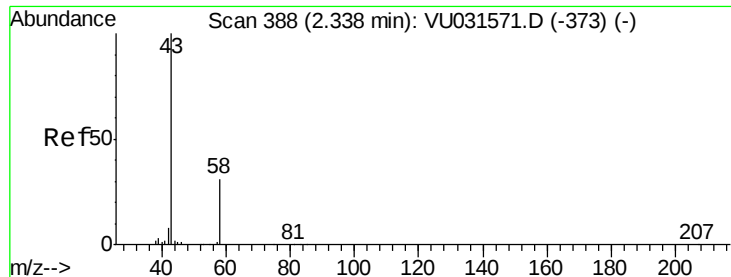
Ion Ratio Lower Upper

96 100

61 637.7 135.0 250.6#

63 4281.2 103.5 192.3#





#13

Acetone

Concen: 10.553 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: VU031577.D

Acq: 29 Apr 2019 11:39

Instrument :

MSVOA_U

ClientSampled :

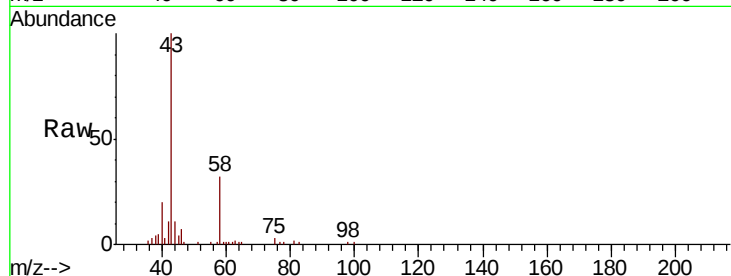
C0X08

Tgt Ion: 43 Resp: 62988

Ion Ratio Lower Upper

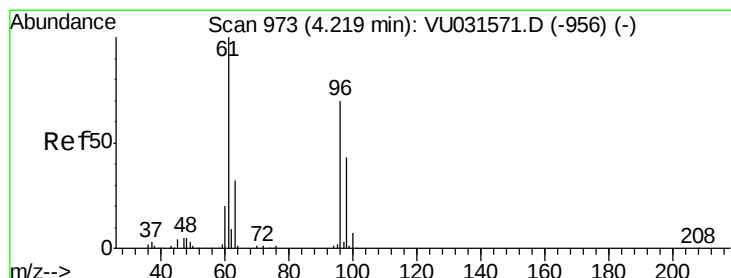
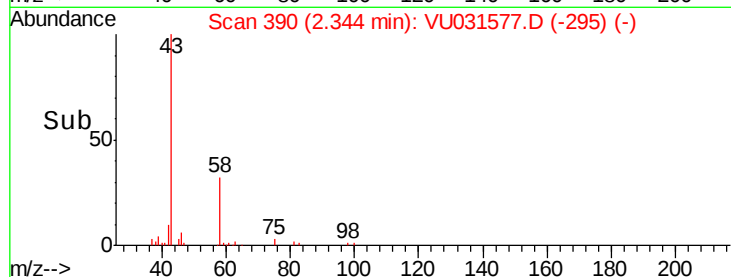
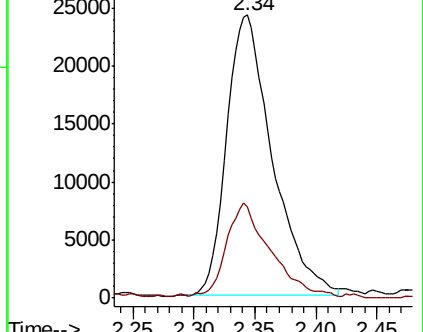
43 100

58 28.6 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031577.D (-390) (-)

Ion 58.00 (57.70 to 58.70): VU031577.D (-390) (-)



#20

cis-1,2-Dichloroethene

Concen: 14.170 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031577.D

Acq: 29 Apr 2019 11:39

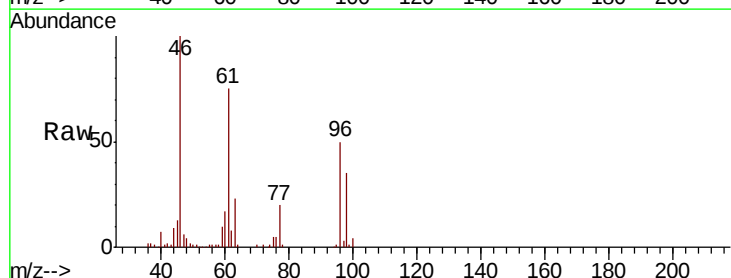
Tgt Ion: 96 Resp: 86346

Ion Ratio Lower Upper

96 100

61 149.4 99.5 184.7

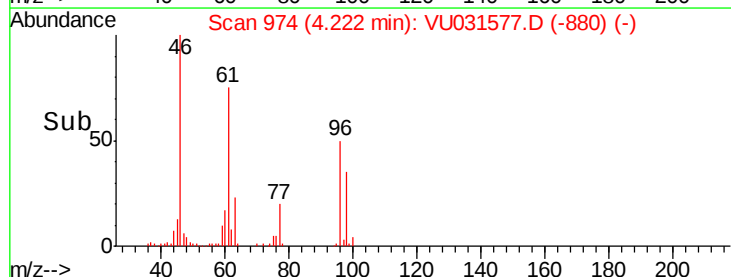
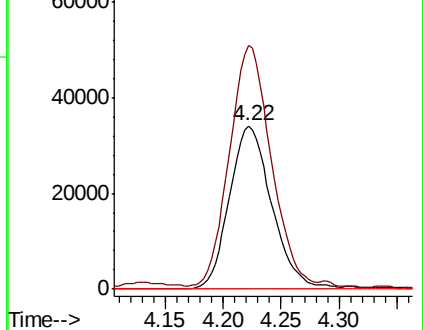
68 0.0 0.0 0.0

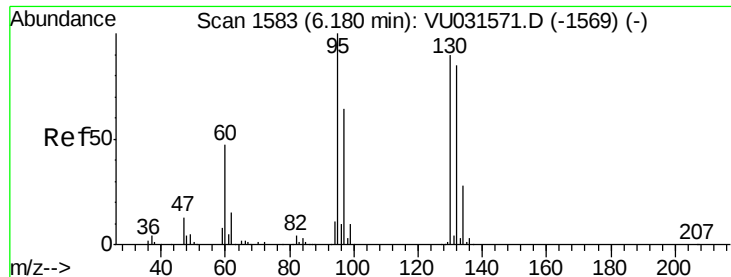


Abundance Ion 96.00 (95.70 to 96.70): VU031577.D (-974) (-)

Ion 61.00 (60.70 to 61.70): VU031577.D (-974) (-)

Ion 68.00 (67.70 to 68.70): VU031577.D (-974) (-)

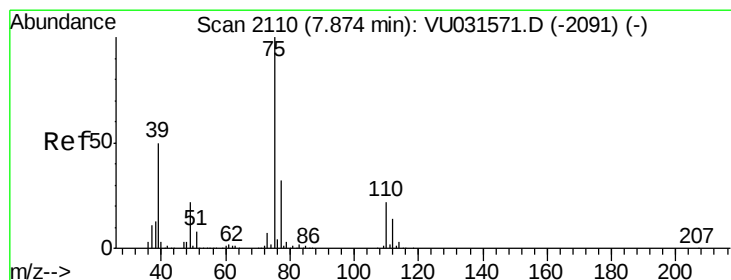
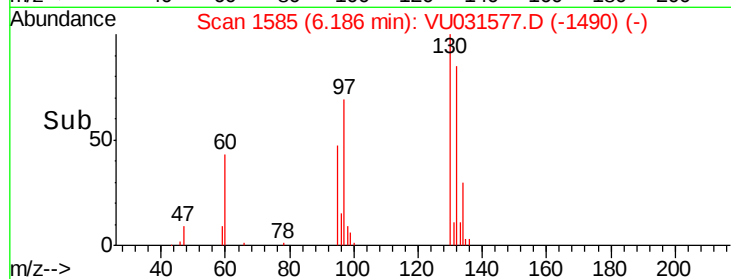
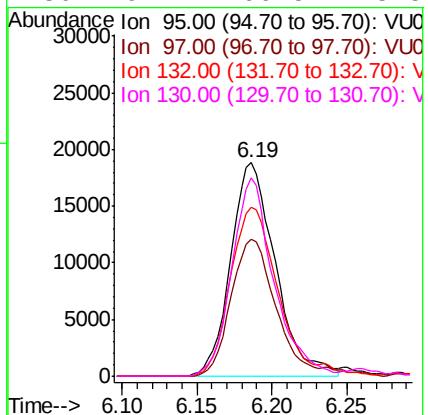
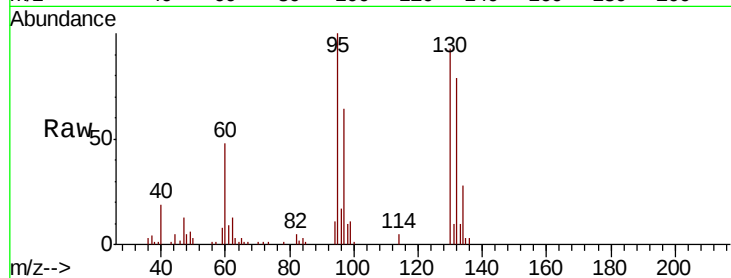




#34
 Trichloroethene
 Concen: 6.477 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU031577.D
 Acq: 29 Apr 2019 11:39

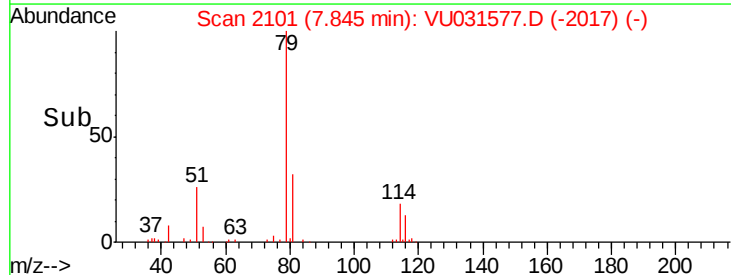
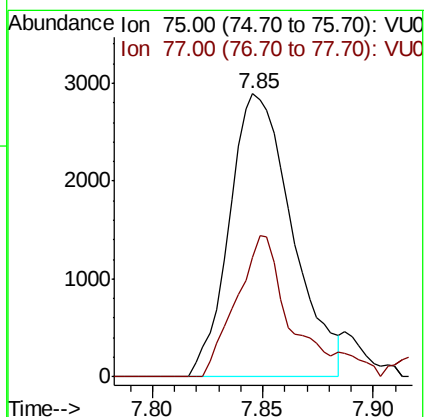
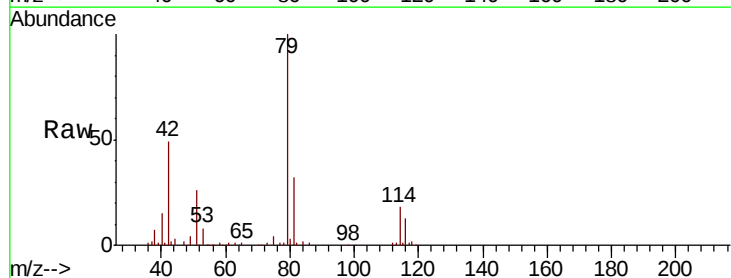
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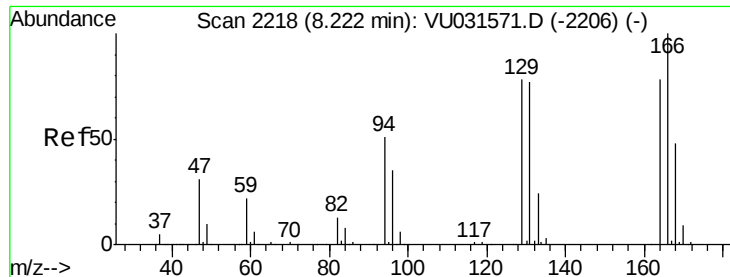
Tgt Ion:	95	Resp:	39216
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.8	83.2
132	79.2	63.1	117.1
130	92.7	66.5	123.5



#44
 trans-1,3-Dichloropropene
 Concen: 0.675 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU031577.D
 Acq: 29 Apr 2019 11:39

Tgt Ion:	75	Resp:	5737
Ion	Ratio	Lower	Upper
75	100		
77	42.4	22.1	41.1#

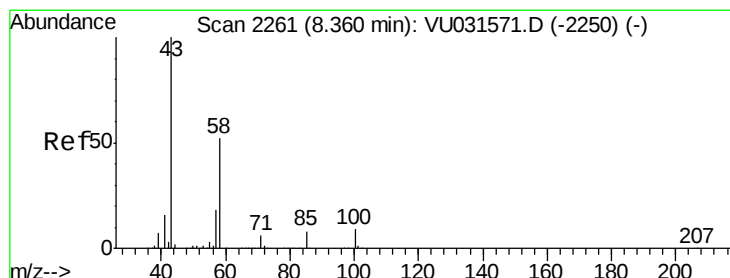
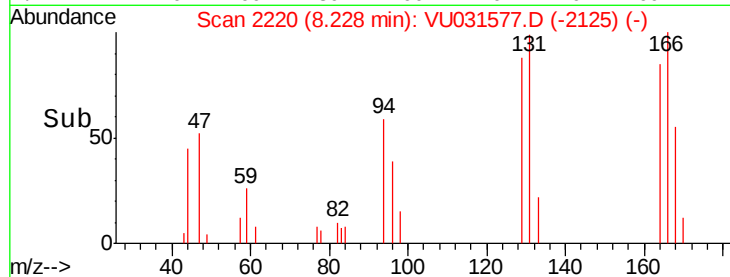
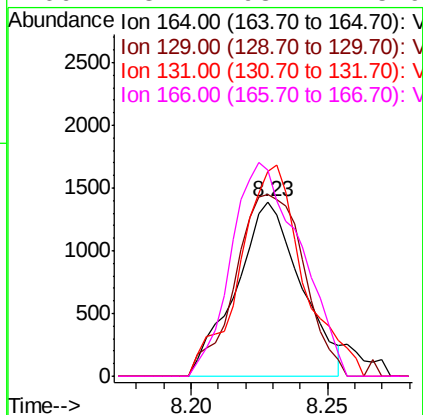
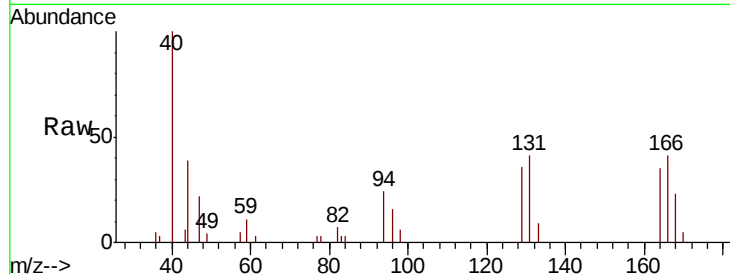




#46
Tetrachloroethene
Concen: 0.556 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031577.D
Acq: 29 Apr 2019 11:39

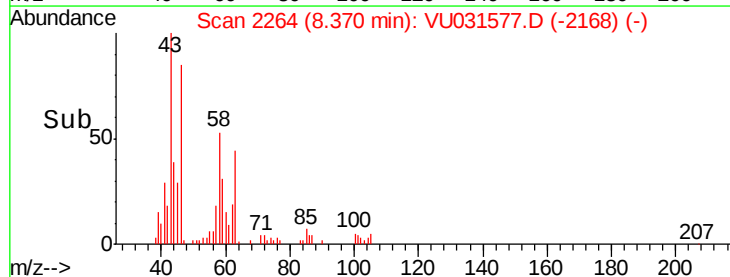
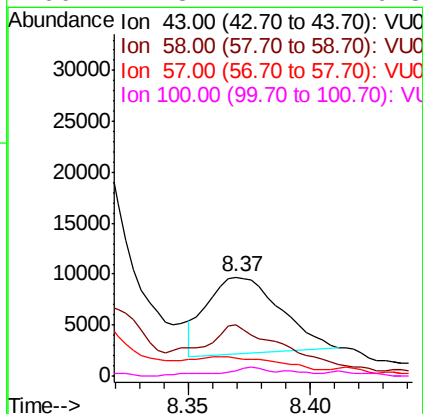
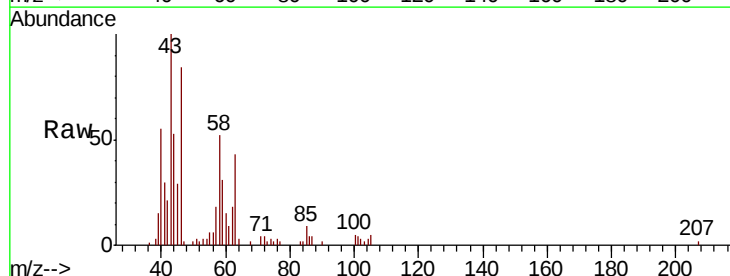
Instrument :
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ClientSampleId :
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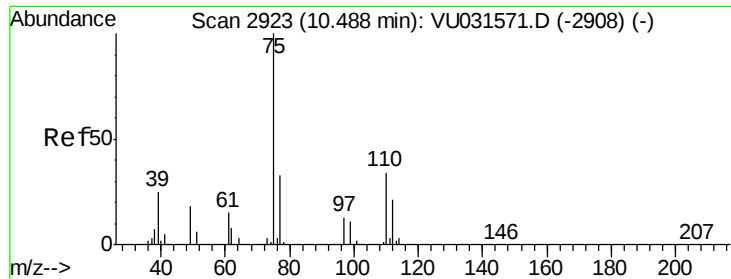
Tgt Ion:	164	Resp:	2293
Ion	Ratio	Lower	Upper
164	100		
129	104.2	71.5	132.9
131	117.3	69.0	128.2
166	118.2	93.7	173.9



#48
2-Hexanone
Concen: 1.779 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031577.D
Acq: 29 Apr 2019 11:39

Tgt Ion:	43	Resp:	15697
Ion	Ratio	Lower	Upper
43	100		
58	56.0	42.1	63.1
57	0.0	14.6	22.0#
100	2.8	7.2	10.8#





#59

1,2,3-Trichloropropane

Concen: 4.391 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031577.D

Acq: 29 Apr 2019 11:39

Instrument :

MSVOA_U

ClientSampleId :

C0X08

Tgt Ion: 75 Resp: 36919

Ion Ratio Lower Upper

75 100

77 35.5 25.9 38.9

